

ANNOTATED
REPLACEMENT SHEET
1/3

FIG. 3
(SEQ ID NO:2)

| | |
|--|------|
| ctgtcttta tacacatctc aaccatcatc gatgaattcc accctgtgaa tgcgcaaacc | 60 |
| aaccctggc agaacatatac catcgctcc gccatctcca qcagccgcac gcggcgcatc | 120 |
| tccggcagcg ttgggttcgt gccacgggtg cgcatgatcg tgctctgtc gttgaggacc | 180 |
| cggctaggct ggccccgtg ctttactgg tagcagaatg aatcacccat acgcgagcga | 240 |
| acgtgaagcg actgctgctg caaaaacgtct gcgacctgag caacaacatg aatggtcttc | 300 |
| ggtttccgrq tttcgtaaag tctggaaacg cggaaatcg cgcctgcac cattatgttc | 360 |
| cggatctatg tcgggtgcgg agaaaagaggt eatgaaatgg cagatcccgt gcttgggtc | 420 |
| cacaaccgtt aaaccttaaa agctttaaaaa gccttatata ttctttttt tttataaaaa | 480 |
| cttaaaacct tagaggctat ttaagttgtc gatttatatt aattttatttq ttcaaacatg | 540 |
| agagcttagt acgtgaaaca tgagagctt gtacgttagc catgagagct tagtacgttta | 600 |
| gccatgaggg tttagttcgt taaacatgag agcttagtac gttaaaccatg agagcttagt | 660 |
| acgtgaaaca tgagagctt gtacgtacta tcaacagggtt gaactgctga ttttccggatc | 720 |
| tatgtccccgt gcggagaaag aggtaatgaa atggcatccg gatctgcac gcaggatgct | 780 |
| gttggctacc ctgtggaaaca cctacatctg tattaacgaa gcaattcgaa ttcacagagg | 840 |
| cgcttatcgg ttggccgcga gattcctgtc gatcctctcg tgeagcgcga ttccgaggga | 900 |
| aacggaaacg ttgagagact cggctctggct catcatgggg atggaaaccg aggccggaaaga | 960 |
| cgcctctcg aacagggtcgg aaggccccacc ctttcgtcg ccgaacagca aggccagccg | 1020 |
| atccggattt tccccgagtt ctttcacggg aatgtcgcca tccgccttga gcgtcatcag | 1080 |
| ctgcataaccg ctgtccccgaa tgaaggcgat ggcctctcg cgaccggaga gaacgacggg | 1140 |
| aagggagaag acgtaacctc ggctggccct ttggagacgc cggtccgcga tgctgggtat | 1200 |
| gtcactgtcg accaggatga tccccgacgc tccgagcgcg agcgcacgtgc gtactatcgc | 1260 |
| gccgatgttc cgcacgatct tccccccgtc gagaacgacg acgtccccac gccggctcg | 1320 |
| gatatcgccg aacctggccg ggcgagggac gccccggatg ccgaatgtct tggccttccg | 1380 |
| ctcccccttg aacaactggt tgacgatcgaa ggagtgcgtg aggccggaccg gtatgttctg | 1440 |
| ccgccccgcac agatccagca actcagatgg aaaaggactg ctgtcgctgc cgtagacctc | 1500 |
| gtgaaactcc accccggccg cgtatgtgtg catgaggggc tgcacgttct cgtcaacgt | 1560 |
| tgtctttatg ttggatcgcg acggcttgggt gacatcgatg atccgtgcg ccgcgggatc | 1620 |

ANNOTATED
REPLACEMENT SHEET
2/3

FIG. 3 cont'd

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| ggacggattt | gcatggtgt | ccaaactcagt | catggtcgtc | ctaccggctg | ctgtgttcag | 1680 |
| tgacqcgattt | cctggggtgt | gacaccctac | gcatggatgg | cgatggctg | ccctgaccgg | 1740 |
| caatcaccaa | cgcaaggggaa | agtgcgtcgct | ctctggaaa | gctccccgt | cttccccgtc | 1800 |
| cgggaccgcgc | gcatggatgc | cccgcataatg | aagtattcgc | tttgcatacga | ttaggtaccc | 1860 |
| ggggatcatc | ttatataatca | gataaaatat | ttcttagattt | caatgcattt | tatctttca | 1920 |
| aatgttagcac | ctgaagtcag | ccccatacga | tataagggtgt | aattctcatg | tttgacagct | 1980 |
| tatcatcgat | aagcttaat | gcatggatgtt | atcacagttt | aattgttaac | gcagtcaggc | 2040 |
| accgtgtatg | aaatctaaca | atgcgtcat | cgatccctc | ggcaccgtca | ccctggatgc | 2100 |
| tgttaggcata | ggcttgggtt | tgccgggtact | gccgggcctc | tttgcggata | tcgtccattc | 2160 |
| cgacagcatc | gccagtcact | atggcgtgt | gctagcgcta | tatgcgttga | tgcaatttct | 2220 |
| atgcgeaccc | gttctcggag | cactgtccga | ccgccttggc | cgccggccag | tcctgtcgc | 2280 |
| tttcgtactt | ggagccacta | tcgactacyc | gatcatggcg | accacacccg | tcctgtggat | 2340 |
| cctctacgccc | ggacgcacgt | tgccggcat | cacccggcc | acaggtgcgg | ttgtggcgc | 2400 |
| ctatatcgcc | gacatcacccg | atggggaaaga | tcgggctcgc | cacttcgggc | tcatgagcgc | 2460 |
| tttgttcggc | gtgggtatgg | ttggcaggccc | cgatggccgg | ggactgttgg | gcgcctctc | 2520 |
| cttcgtatgc | ccatcccttgc | cgccggcggt | gctcaacggc | ctcaacctac | tactggctg | 2580 |
| cttcctaaatg | caggagtcgc | ataagggaga | qcgtcgaccc | atgccttga | gagccttcaa | 2640 |
| cccagtgcgc | tccttcgggt | gggcgcgggg | catgactatc | gtcgccgcac | ttatgactgt | 2700 |
| cttccttatac | atgcaactcg | taggacaggt | gcccgcacgc | ctctgggtca | ttttcggcga | 2760 |
| ggaccgcctt | cgctggagcg | cgacgtatgt | cgccctgtcg | tttgcggat | tcggaatctt | 2820 |
| gcacgccttc | gctcaaggct | tcgtcaactgg | ttccgcaccc | aaacgtttcg | gcgagaagca | 2880 |
| ggccattatc | ggcggcatgg | cgccgcacgc | gctgggtac | gtctgttgg | cggtcgccac | 2940 |
| gctgggttgg | atggccctcc | ccattatgt | tcttcgtgt | tccggcggca | tcggatgcc | 3000 |
| cgcggttgcag | gccaatgtgt | ccaggcagggt | agatgacgac | catcaggac | agcttcaagg | 3060 |
| atcgctcgcg | gctcttacca | gcctaacttc | gatcatttgg | ccgctgtatcg | tcacggcgat | 3120 |
| ttatgcccgc | tcggcgacca | catggAACGG | gttggcatgg | attgttaggcg | ccgcctata | 3180 |
| ccttgcgtgc | cccccgcgt | tgcatggcgg | tgcatggagc | cgggccaccc | cgacccgtaat | 3240 |

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ANNOTATED
REPLACEMENT SHEET

3/3

FIG. 5 cont'd

| | |
|--|------|
| ggaagccggc ggcaacctgc taacggattc accactccaa gaattggagc caatcaattc | 3300 |
| ttgcggagaa ctgtaatgc gcaaaccAAC ccttggcaga acatatccat cgcggtccggc | 3360 |
| atctccagca ggcacggcgg cgcatctcg ggacgttggg tcctggatt cgagctcggt | 3420 |
| accagccccgaa cccgagcacg cgccggcacg cctggtagat gtccggaccgg agttcgaggt | 3480 |
| acgcggcttg caggccagg aaggggacgt ccatgcgagt gtccgttcga gtggcggttt | 3540 |
| gcccggatg ctagtcggcg ttgatcgccg atcgcaaggta cacgcggctcg atcttgcgg | 3600 |
| ctggcgagag gtgcgggagg atctgaccga cccggccac acgtggcacc gcgatgtgt | 3660 |
| tgtgggctgg acaatcgatgc cggttggtag gatccctctag agtcgacgca tgcaagcttc | 3720 |
| tgcaaggcatg caagcttcag ggttgagatg tgtataaagag acag | 3764 |